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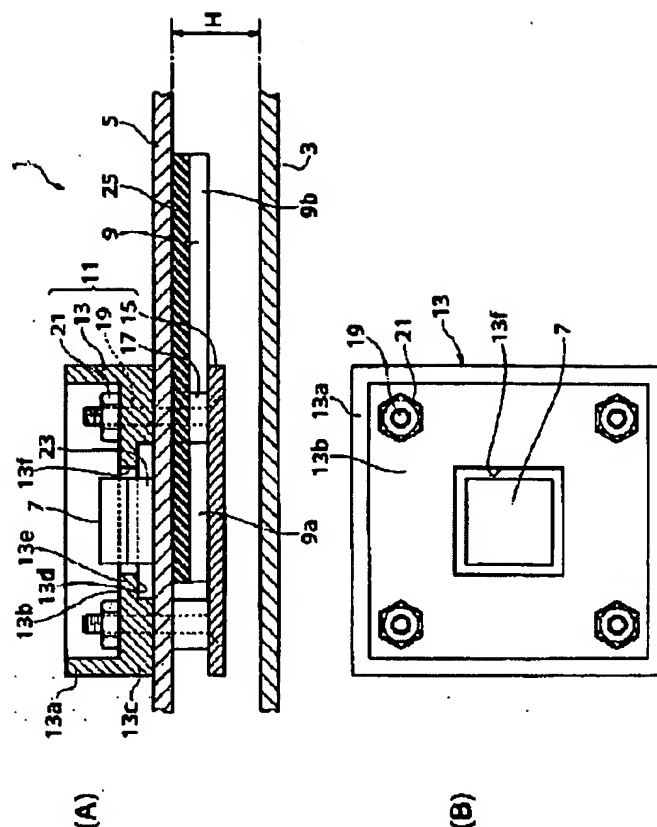
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APPLICANT : TS HEATRONICS CO LTD;

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INT.CL. : H05K 7/20 H01L 23/36 H01L 23/40
H01L 23/427 H05K 1/02

TITLE : HEAT RADIATOR



ABSTRACT : PROBLEM TO BE SOLVED: To provide a heat radiator which effectively uses a space at the back of a circuit board and cools the elements.

SOLUTION: The heat radiator cools the element 7 mounted on the surface of the circuit board 5 and it is provided with a plate-type heat pipe 9 patched on the rear side of the element mounting part of the circuit board 5. The plate-type heat pipe 9 is kept at the rear face of the circuit board 5 by a holder 11 constituted of a retention module 13, a patch 15, a collar 17, conical head screws 19 and nuts 21. Thus, the heat radiator which effectively uses the dead space at the rear side of the circuit board 5 can be supplied with such constitution.

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